

# Technical Information Sheet



## SkyScape™ Ballast Paver

| Item Description | Item Number |
|------------------|-------------|
| Charcoal         | CUSTOM      |
| Natural Gray     | CUSTOM      |
| Tan              | CUSTOM      |

### Description

The Elevate Ballast Paver is a 0.97ft<sup>2</sup> durable interlocking concrete paver with radius bearing pads to protect the membrane from abrasion. Design as an engineered system, the Ballast Paver provides superior roof top wind resistance and because of their unique design, allows four-way water drainage.

### Method of Application

1. Install the Elevate Ballast Paver system in accordance with current Elevate Ballast Paver specifications, details, and workmanship requirements.
2. Prior to application of roofing membrane, substrates must be clean, dry, smooth, free of sharp edges, fins, loose or foreign materials, oil, grease, and other materials which may damage the membrane.
3. All rough surfaces which could damage the membrane shall be repaired prior to installing the membrane, as specified.
4. All surface voids greater than ¼" wide shall be properly filled with an acceptable fill material.
5. Elevate Skyscape Ballast Pavers are installed as a continuous ballasting overlay layer on the roof. Ballast Pavers are overlapped (shiplap), and mechanically clipped as described in the Elevate Ballast Paver Design Guide.
6. Face upper shiplap edge of Ballast Paver at roof edge.
7. Install pavers in straight bond or staggered bond.
8. Maintain 1¼" (3.2 cm) maximum distance between the upper shiplap and/or the 8.5" (21.6 cm) dimension of the Ballast Paver where they meet the first roofing element.
9. Install mechanical clips where Ballast Pavers meet any roof protrusions (HVAC equipment, roof drains, structural members, roof curbs, etc.) and where there are any pavers less than full size. Elevate AP Sealant may be substituted for mechanical clips. Mechanical Clips or adhesive must also be installed in-between the first two courses of pavers where the 8.5" (21.6 cm) dimension of the pavers meets the roof edge.
10. At ridges or valleys, the cut to fit pavers are adhered to the adjacent full-size paver with one-part polyurethane.
11. Reference details regarding appropriate flashing details to be used with the Elevate Ballast Paver system.

## Storage

- Store material in original unopened packaging in a dry area away from sources of physical damage.
- Store materials on raised platforms.
- Properly handle materials to prevent damage.
- Do not exceed the structural capacity of deck if placing Elevate Ballast Paver units on the roof.
- Protect membrane and installed areas of the Elevate Ballast Paver from damage when transporting pallets of Elevate Ballast Paver or other material. Recommend to place plywood sheets in traffic path or use carts with pneumatic tires.

## Precautions

- Ballast Pavers are not intended to be used as a plaza deck. Foot traffic should be limited to the occasional pedestrian or maintenance personnel.
- A registered professional engineer, at the request and expense of the owner or architect, shall evaluate the roof structure to ensure it can receive the weight of the Elevate Ballast Paver system.

## LEED® Information

Post-Consumer Recycled Content: 0%

Post Industrial Recycled Content: 0%

Manufacturing Location: Phoenix, AZ

NOTE: LEED® is a registered trademark of the U.S. Green Building Council

| Typical Properties    |             |  |
|-----------------------|-------------|--|
| Property              | Test Method | Typical Performance  |
| Size                  | ---         | 16.0" (L) x 8.5" (W) x 1.625" (H) (40.6 cm x 21.6 cm x 4.1 cm) |
| Dimensional Tolerance | ---         | ± 0.125" (.3 cm) (length, width, height, convex, concave)      |
| Weight                | ---         | 13.75 ± .05 lb / ft <sup>2</sup>                               |
| Freeze Thaw           | ASTM C67    | 1% loss of dry weight  |
| Water Absorption      | ASTM C140   | 5%   |
| Compressive Strength  | ASTM C140   | 5000 psi @ 28 days cure  |
| Flexural Strength     | ASTM C293   | 400 psi  |

| Shipping Information |          |             |           |
|----------------------|----------|-------------|-----------|
| Property             | Quantity | Square Feet | Weight    |
| Pallet               | 200      | 190         | 2800 lb   |
| Truck                | 3200     | 3040        | 44,800 lb |

NOTE: 16 Pallets per Truck

NOTE: Approximate weight includes pallet and packaging

Please contact Holcim Technical Services at 800-428-4511 for further information.

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Firestone, the brand of premier roofing, wall, and lining systems you know and trust, will be coming to you under a new name: Elevate. During our transition, products carrying the brand name **Firestone** will change to **Elevate** on product labels and packaging, Technical Information Sheets, and elsewhere. Only the brand name is changing. Our products remain the same.

For further information on our brand transition to Elevate, scan the code below with your smartphone, or visit our website: [www.holcimelevate.com](http://www.holcimelevate.com)

